

Materials List for:

A Small Volume Bioassay to Assess Bacterial/Phytoplankton Co-culture Using WATER-Pulse-Amplitude-Modulated (WATER-PAM) Fluorometry

Anna R. Bramucci¹, Leen Labeeuw¹, Teaghan J. Mayers¹, Julie A. Saby¹, Rebecca J. Case¹

¹Department of Biological Sciences, University of Alberta

Correspondence to: Rebecca J. Case at rcase@ualberta.ca

URL: <https://www.jove.com/video/52455>

DOI: [doi:10.3791/52455](https://doi.org/10.3791/52455)

Materials

Name	Company	Catalog Number	Comments
10 cu. ft. Diurnal incubator (6012-1)	Caron Corporate	112310-6012-1-11	www.caronproducts.com
Nunc EasYFlask 25 cm ² , Vent/Close Cap, 7 ml working volume, 200/cs	Thermo Fisher Scientific	N156340	www.fishersci.ca
Multiwell TC Plates – 48-well	BD Biosciences Discovery Labware	353078	www.bdbiosciences.com
P1000 Gilson The Pipetting Standard—Gilson's Pipetman	Mandel Scientific Company Inc.	GF-F123602	www.mandel.ca
P10mL Gilson The Pipetting Standard—Gilson's Pipetman	Mandel Scientific Company Inc.	GF-F161201	www.mandel.ca
Wide Orifice Tips nonsterile [100–1,250 µl]	VWR International	89079-468	www.ca.vwr.com
Ultrafine Tips nonsterile [100–1,250 µl]	VWR International	89079-470	www.ca.vwr.com
Finntip 10 ml [Vol: 1 - 10 ml]	Thermo Fisher Scientific	9402151	www.fishersci.ca
WATER-Pulse Amplitude Modulation (Water-ED)	Heinz Walz GmbH, Effeltrich, Germany	EDEE0232	www.walz.com
15 mm diameter quartz glass cuvette (WATER-K)	Caron Corporate		www.caronproducts.com
Sodium chloride (crystalline/certified ACS), Fisher Chemical	Thermo Fisher Scientific	Thermo Fisher Scientific	www.fishersci.ca
BD Difco Marine Broth 2216	BD Biosciences Discovery Labware	BD Biosciences Discovery Labware	www.bdbiosciences.com
BD Bacto Agar	BD Biosciences Discovery Labware	BD Biosciences Discovery Labware	www.bdbiosciences.com
L1 Medium Kit, 50 L	NCMA [National Center for Marine Algae and Microbiota]	NCMA [National Center for Marine Algae and Microbiota]	www.ncma.bigelow.org